L	Hits	Search Text	DB	Time stamp
Number				
36	37	("3912353"   "4300040"   "4532554"   "4672373"   "4748495"   "4830623"   "4901205"   "4941040"   "4991000"   "5027400"   "5134690"   "5167035"   "5175733"   "5191410"   "5208665"   "5341504"   "5367521"   "5418713"   "5426563"   "5428606"   "5448661"   "5463671"   "5488412"   "5495397"   "5508732"   "5515510"   "5521631"   "5530754"   "5534911"   "5539621"   "5721825"   "5734719"   "5745882"   "6163795") .PN.	USPAT	2004/04/28 14:59
37	159	•	USPAT	2004/04/28
38	28	725/87.ccls. and (head\$1end\$1)	USPAT	2004/04/28
39	5695	(plural\$3 or multipl\$4) near2 (broadcast\$3 or station\$2 or head\$1end\$1) near4 (exchang\$3 or supply\$3 or inter\$1chang\$3 or send\$3 or receiv\$3 or giv\$3)	USPAT	2004/04/28
40	337	((plural\$3 or multipl\$4) near2 (broadcast\$3 or station\$2 or head\$1end\$1) near4 (exchang\$3 or supply\$3 or inter\$1chang\$3 or send\$3 or receiv\$3 or giv\$3)) and 725/\$.ccls.	USPAT	2004/04/28 15:05
41	1215	725/114,115,116,117,92-94,135-136,143-147,	SUSPATCC1s.	2004/04/28 15:06
42	115	<pre>((plural\$3 or multipl\$4) near2 (broadcast\$3 or station\$2 or head\$1end\$1) near4 (exchang\$3 or supply\$3 or inter\$1chang\$3 or send\$3 or receiv\$3 or giv\$3)) and</pre>	USPAT	2004/04/28 15:06
43	1297	725/109,118,115,118,927992198,135,138,143,	HUSPATÇ60sco	12:004/04/28 15:06
44	122	<pre>((plural\$3 or multipl\$4) near2 (broadcast\$3 or station\$2 or head\$1end\$1) near4 (exchang\$3 or supply\$3 or inter\$1chang\$3 or send\$3 or receiv\$3 or</pre>	USPAT	2004/04/28 15:06
45	13009	dbweadcand3 or station\$2 or head\$lend\$1) ቪዬዬጵኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒ	USPAT 147,54,50.cc	2004/04/28 :11 <del>5</del> 5:35
46	360	725/109,114,115,116,117,92-94,135-136,143- and ((broadcast\$3 or station\$2 or head\$lend\$1) near4 (exchang\$3 or supply\$3 or inter\$1chang\$3 or send\$3 or receiv\$3 or giv\$3) near4 (guide\$1 or ipg or epg or	163PAT,50.cc	12:004/04/28 15:35
47	45	inboomdtaen\$2 or sthedum\$2 or program\$4)) head\$1end\$1) near4 (exchang\$3 or supply\$3 or inter\$1chang\$3 or send\$3 or receiv\$3 or giv\$3) near4 (guide\$1 or ipg or epg or information\$2 or schedul\$3 or program\$4)) and 725/109.ccls.	USPAT	2004/04/28 15:44
48	0	bi\$ldirectional near2 ((plural or multiple) near4 (head\$lend\$1))	USPAT	2004/04/28 15:40
49	115	725/109.ccls.	USPAT	2004/04/28
50	39	digeo.as.	USPAT	2004/04/28 15:45
-	38	725/47.ccls.	USPAT	2004/04/26 11:51
-	38	725/49.ccls.	USPAT	2004/01/05 14:27
-	171	725/39.ccls.	USPAT	2004/01/05 14:28
_	37	725/44.ccls.	USPAT	2004/01/05 14:27

-	1	(725/39.ccls. and guide) and (central\$4 adi4 stor\$4)	USPAT	2004/01/05 14:29
_	137		USPAT	14:29   2004/01/05   15:04
-	6	central\$ adj2 program\$5 adj2 guide	USPAT	2004/01/05 15:32
-	1	(central\$ adj2 program\$5 adj2 guide) adj2 (server or storage)	USPAT	2004/01/05 15:33
-	19	725/48.ccls. and (program\$5 adj2 guide)	USPAT	2004/01/05
-	19	(725/48.ccls. and (program\$5 adj2 guide)) and (broadcast\$4 or server or storage)	USPAT	2004/01/14 14:16
-	4	("5576755"   "5579055"   "5666645"   "6005562").PN.	USPAT	2004/01/05 15:40
-	15	725/\$.ccls. and (hendricks.in. and CAP)	USPAT	2004/01/05 16:18
-	19	725/48.ccls. and (program\$5 adj2 guide)	USPAT	2004/01/05 16:36
-	31	725/47.ccls. and (program\$5 adj2 guide)	USPAT	2004/01/05 16:51
-	592	725/114-117.ccls.	USPAT	2004/03/02 16:41
-	47	725/114-117.ccls. and (program\$5 adj2 guide)	USPAT	2004/01/05 16:51
-	47	(725/114-117.ccls. and (program\$5 adj2 guide)) and (broadcast\$4 or server or	USPAT	2004/01/05 16:52
-	9	storage) ((725/114-117.ccls. and (program\$5 adj2 guide)) and (broadcast\$4 or server or storage)) and ((program\$5 adj2 guide)	USPAT	2004/01/05 17:11
_	1	adj5 server) "5550576".PN.	USPAT	2004/01/05
_	1	"5699107".PN.	USPAT	16:55 2004/01/05 16:59
_	202	program\$5 adj2 (guide or menu) adj5 server	USPAT; US-PGPUB; EPO	2004/01/05 17:11
-	21	(program\$5 adj2 (guide or menu) adj5 server) and 725/\$.ccls.	USPAT; US-PGPUB; EPO	2004/01/05 17:13
-	0	((program\$5 adj2 (guide or menu) adj5 server) and 725/\$.ccls.) and broadcaster\$2	USPAT; US-PGPUB; EPO	2004/01/05 17:13
-	125		USPAT; US-PGPUB; EPO	2004/01/05 17:13
-	7191	725/\$.ccls.	USPAT; US-PGPUB; EPO; DERWENT;	2004/01/06 08:33
-	2	725/\$.ccls. and (package near2 program\$5 adj2 guide)	IBM_TDB USPAT; US-PGPUB; EPO;	2004/01/06 08:52
-	185	klosterman.in.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO;	2004/01/06 08:52
-	19	725/\$.ccls. and klosterman.in.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO;	2004/01/06 09:23
-	61	wugofski.in.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; DERWENT;	2004/01/06 08:54
	L		IBM_TDB	

-	7	725/\$.ccls. and wugofski.in.	USPAT; US-PGPUB; EPO;	2004/01/06 08:59
			DERWENT; IBM TDB	
-	2627	(program adj2 guide) and (server or storage)	USPAT; US-PGPUB; EPO;	2004/01/06 09:05
	10	).]	DERWENT; IBM_TDB	2004/01/06
_	19	klosterman.in. and ((program adj2 guide) and (server or storage))	USPAT; US-PGPUB; EPO; DERWENT;	09:00
_	22	((program adj2 guide) and (server or storage)) and "master program guide"	IBM_TDB USPAT; US-PGPUB;	2004/01/06 09:05
			EPO; DERWENT; IBM_TDB	
-	40	725/59.ccls.	USPAT; US-PGPUB; EPO;	2004/01/06
_	9	725/59.ccls. and ((program adj2 guide) and (server or storage))	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/01/06 09:57
	:		EPO; DERWENT; IBM_TDB	
-	2	5805204.pn.	USPAT; US-PGPUB; EPO; DERWENT;	2004/01/06
-	92451	(epg or guide or schedule\$3) and (transmit or broadcast)	IBM_TDB USPAT; US-PGPUB; EPO;	2004/01/06
_	2872	((epg or guide or schedule\$3) and (transmit or broadcast)) and 725/\$.ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO;	2004/01/06 10:15
-	49841	348/\$.ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/01/06 10:15
			EPO; DERWENT; IBM TDB	
-	2327	((epg or guide or schedule\$3) and (transmit or broadcast)) and 348/\$.ccls.	USPAT; US-PGPUB; EPO; DERWENT;	2004/01/06
-	12749	(epg or guide or schedule\$3) with (transmit or broadcast)	IBM_TDB USPAT; US-PGPUB; EPO;	2004/01/06 10:16
_	533	348/\$.ccls. and ((epg or guide or schedule\$3) with (transmit or broadcast))	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/01/06 10:16
			EPO; DERWENT; IBM_TDB	2004/01/05
_	1418	725/\$.ccls. and ((epg or guide or schedule\$3) with (transmit or broadcast))	USPAT; US-PGPUB; EPO;	2004/01/06
			DERWENT; IBM TDB	

= .	727	(725/\$.ccls. and ((epg or guide or	USPAT;	2004/01/06
		schedule\$3) with (transmit or	US-PGPUB;	10:17
		<pre>broadcast))) and ((program adj2 guide)</pre>	EPO;	
}		and (server or storage))	DERWENT;	
1			IBM_TDB	2224/22/25
1 -	43		USPAT;	2004/01/06
		schedule\$3) with (transmit or	US-PGPUB;	10:40
		<pre>broadcast))) and ((program adj2 guide)</pre>	EPO;	1
		and (server or storage))) and	DERWENT;	
		725/48,49,59.ccls.	IBM_TDB	2004/01/06
-	2	6591421.pn.	USPAT;	2004/01/06
			US-PGPUB;	10:18
			EPO; DERWENT;	
	2591	barton.in.	IBM_TDB USPAT	2004/01/06
i -	2391	barton.in.	USPAI	10:22
	1	barton.in. and 725/\$.ccls.	USPAT;	2004/01/06
-	1	barton.in. and 725/9.ccis.	US-PGPUB;	10:22
			EPO;	10.22
ļ			DERWENT;	
			IBM TDB	
1_	2	6147642.pn.	USPAT;	2004/01/06
	2	021/032-pii-	US-PGPUB;	10:29
			EPO;	
			DERWENT;	
1			IBM TDB	
_	2	5808694.pn.	USPAT;	2004/01/06
			US-PGPUB;	10:40
			EPO;	
			DERWENT;	
			IBM TDB	
-	49	725/36.ccls.	USPAT	2004/01/08
				11:25
_	14	725/36.ccls. and (guide)	USPAT	2004/01/08
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		11:26
_	4	(electronic adj2 program\$4 adj2 (guide or	USPAT	2004/01/08
		schedule or menu)) near2 (update or		12:37
		error\$1check\$4 or error\$2 or evaluate)		
-	391	(electronic adj2 program\$4 adj2 (guide or	USPAT	2004/01/08
		schedule or menu)) and (update or		12:37
		error\$1check\$4 or error\$2 or evaluate)		
-	15	(electronic adj2 program\$4 adj2 (guide or	USPAT	2004/01/08
		schedule or menu)) with (update or		14:13
		error\$1check\$4 or error\$2 or evaluate)		
-	5		USPAT	2004/01/08
		schedule or menu)) with (error\$1check\$4		14:25
		or error\$2 or evaluate)		
-	46	12 5   5 15	USPAT	2004/01/08
		menu)) with (error\$1check\$4 or error\$3 or		14:25
		evaluate)	l	0004/07/00
-	20	1 ' '	USPAT	2004/01/08
		menu)) with (error\$1check\$4 or error\$3 or		14:59
		evaluate)) and television		1 2004 (03 (02
-	8855	(EPG or IPG) or ((program or TV or	USPAT	2004/01/09
		television or menu) adj3 (guide\$1 or		10:11
		listing\$1 or schedul\$3))		
	1000	//EDC on IDC) on //nrozzon on m/ or	HCDAT	2004/01/09
-	1026		USPAT	2004/01/08
		television or menu) adj3 (guide\$1 or		12:10
		listing\$1 or schedul\$3)) ) and 725/\$.ccls.		
I _	451		USPAT	2004/01/08
-	451	television or menu) adj3 (guide\$1 or	OSEKI	15:17
		listing\$1 or schedul\$3))		13.17
1		) and 725/39-55,48,50.ccls.		
_	64		USPAT	2004/01/08
		television or menu) adj3 (guide\$1 or	JULAI	15:20
		listing\$1 or schedul\$3))		
		) and 725/48,50.ccls.		
	<del></del>	1 / , 50/ 10/ 10/ 10/ 10/ 10/ 10/ 10/ 10/ 10/ 1	l	<u> </u>

91	television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3))	USPAT	2004/01/08 15:20
	) and 725/39-55,48,50.ccls.) and (error adj4 (correction\$2 or detection\$2 or detect\$2))		
-   :	2 725/144-147.ccls. and 725/39-55.ccls.	USPAT	2004/01/12 13:21
202		USPAT	2004/01/12 13:21
- 1223	<pre>(broadcast\$3 or provider) same ((EPG or IPG) or ((program or TV or television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3)))</pre>	USPAT	2004/01/12 13:22
	725/144-147.ccls. and ((broadcast\$3 or provider) same ((EPG or IPG) or ((program or TV or television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3)))	USPAT	2004/01/12
425	7 / 725/\$.ccls.	USPAT	2004/01/12 13:24
- 65:	725/\$.ccls. and ((broadcast\$3 or provider) same ((EPG or IPG) or ((program or TV or television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3)))	USPAT	2004/01/12 13:25
- 8:	(provide or generate or create) same	USPAT	2004/01/12
7:	1 ' '	USPAT	2004/01/12 14:47
_ 25		USPAT	2004/01/12
- 4	725/48.ccls.	USPAT; US-PGPUB	2004/01/20 16:14
- 4:	3 725/49.ccls.	USPAT; US-PGPUB	2004/01/12 15:13
378		USPAT; US-PGPUB	2004/01/12   15:14
- 5:	5 725/39.ccls.and ((provide or generate or create) same (EPG))	USPAT; US-PGPUB	2004/01/12 16:17
2008	3   nakada.in.	USPAT; US-PGPUB; EPO; JPO	2004/01/12 15:46
-	nakada.in. and (program adj2 guide adj3 information\$2)	USPAT; US-PGPUB; EPO; JPO	2004/01/12 15:53
-	5398074.pn.	USPAT; US-PGPUB; EPO; JPO	2004/01/12 15:53
-	5719637.pn.	USPAT; US-PGPUB; EPO; JPO	2004/01/12 15:54
-	5737029.pn.	USPAT; US-PGPUB;	2004/01/12 15:57
- 41798	matsushita.as.	EPO; JPO USPAT; US-PGPUB;	2004/01/12 15:57
7:	matsushita.as. and (program adj2 guide adj3 information\$2)	EPO; JPO USPAT; US-PGPUB; EPO; JPO	2004/01/12 15:57
- 1	5 5808694.URPN.	USPAT	2004/01/12 16:12
- 2	725/40.ccls.and ((provide or generate or create) same (EPG))	USPAT; US-PGPUB	2004/01/12 16:20
- 1		USPAT; US-PGPUB	2004/01/12
- 1		USPAT; US-PGPUB	2004/01/12
-	7 725/54.ccls.and ((provide or generate or create) same (EPG))	USPAT; US-PGPUB	2004/01/12 16:46

		_	_	
-	10417	redundant and ((epg or ipg) adj3 (server or provider or creater or broadcaster) or server)	USPAT; US-PGPUB	2004/01/12 16:48
-	269	(redundant and ((epg or ipg) adj3 (server or provider or creater or broadcaster) or	USPAT; US-PGPUB	2004/01/12 16:48
-	90	(server or provider or creater or	USPAT; US-PGPUB	2004/01/12 16:50
-	90	(server or provider or creater or	USPAT; US-PGPUB	2004/01/12 16:50
_	49	1 (1= :	USPAT; US-PGPUB	2004/01/13 08:25
		(server or provider or creater or broadcaster) or server)) and 725/\$.ccls.) and (redundant with ((epg or ipg) adj3 (server or provider or creater or broadcaster) or server))	US-PGPUB	08:25
_	3796	simpson.in.	USPAT	2004/01/13 08:27
-	59	simpson.in. and television	USPAT	2004/01/13 08:27
-	6	(simpson.in. and television) and (ipg or epg or guide)	USPAT	2004/01/13
_	245	348/707.ccls. 348/707.ccls. and (ipg or epg or guide or	USPAT; US-PGPUB USPAT;	2004/01/13 08:56 2004/01/13
	56	schedule)	US-PGPUB USPAT;	09:00 2004/01/13
		backup or back\$lup or coherency or coherent) same (ipg or epg)	US-PGPUB	09:01
-	8	((archive or redundant or redundancy or backup or back\$1up or coherency or coherent) same (ipg or epg)) and ((ipg or epg) adj4 server\$2)	USPAT; US-PGPUB	2004/01/13 09:01
-	2	6160545.URPN.	USPAT	2004/01/13 09:10
-	12	("5296932"   "5559548"   "5559550"     "5576755"   "5619274"   "5635989"     "5684525"   "5760821"   "5790198"     "5805230"   "5808694"   "5812205").PN.	USPAT	2004/01/13 09:11
_	40	725/48.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/13
-	4	"6005562").PN.	USPAT	2004/01/13 12:42
_	4	"5585866").PN.	USPAT	2004/01/13
_	4	"5585866").PN.	USPAT USPAT	2004/01/14 12:04 2004/01/14
	′	"5283639"   "5323234"   "5353121"   "5416508").PN.	OJEKI	12:05
-	38	5666645.URPN.	USPAT	2004/01/14 12:09
	25	("4751578"   "5321750"   "5404505"   "5515106"   "5552833"   "5559549"   "5579055"   "5592551"   "5594509"   "5652613"   "5657072"   "5666645"   "5686954"   "5699125"   "5734781"   "5760821"   "5973685"   "6057890"   "6216264"   "6216265"   "6311329"   "6374237"   "6446082"   "6460018"	USPAT	2004/01/14
	1	"6507950"   "2002/0147976").PN.		

_	2	5737028.pn. or 5808611.pn.	USPAT	2004/01/14 14:10
-	5	5737028.pn. or 5808611.pn. or 60258371.pn. or 6362841.pn. or	USPAT	2004/01/14 14:11
-	3948	6327628.pn. or 5515495.pn. ((program\$5 adj2 guide) or ((interactive or electronic) adj2 program\$4 adj2 (guide or schedule or menu))) and (broadcast\$4	USPAT; EPO; JPO; DERWENT;	2004/01/14 14:17
-	1524	or server or storage) ((program\$5 adj2 guide) or ((interactive or electronic) adj2 program\$4 adj2 (guide or schedule or menu))) and (broadcast\$4 or server or storage)	IBM_TDB EPO; JPO; DERWENT; IBM_TDB	2004/01/14 14:17
-	430	((program\$5 adj2 guide) or ((interactive or electronic) adj2 program\$4 adj2 (guide or schedule or menu))) and (broadcast\$4 or server or storage)	JPO	2004/01/14 14:20
_	13		JPO	2004/01/14 14:20
-	987	<pre>((program\$5 adj2 guide) or ((interactive or electronic) adj2 program\$4 adj2 (guide or schedule or menu))) and (broadcast\$4 or server or storage)</pre>	DERWENT; IBM_TDB	2004/01/14 14:20
_	0	<pre>(((program\$5 adj2 guide) or ((interactive or electronic) adj2 program\$4 adj2 (guide or schedule or menu))) and (broadcast\$4 or server or storage)) and (creat\$4 or build\$3)</pre>	JPO	2004/01/14 14:20
_	0	<pre>(((program\$5 adj2 guide) or ((interactive or electronic) adj2 program\$4 adj2 (guide or schedule or menu))) and (broadcast\$4 or server or storage)) and (creat\$4 or build\$3)</pre>	JPO	2004/01/14 14:20
-	107		EPO	2004/01/14 14:55
-	0		EPO	2004/01/14 14:56
-	31		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/14 15:03
_	55	<pre>((updat\$3 or revis\$3) near5 (IPG or EPG)) same (HE or head adj end\$2 or headend\$2 or server\$1 or suppl\$4)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/14 15:08
_	72	((updat\$3 or revis\$3) with (IPG or EPG)) same (HE or head adj end\$2 or headend\$2 or server\$1 or suppl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/14 15:08
_	379	725/39.ccls.	USPAT; US-PGPUB	2004/01/20 16:14
-	182	725/39.ccls. and (server or head\$lend)	USPAT; US-PGPUB	2004/01/20 16:30
_	125	(ipg or epg) adj6 (creat\$4)	USPAT; US-PGPUB	2004/01/20 16:31
_	13	("4052719"   "4367488"   "4600921"   "4707827"   "4710767"   "4829558"   "4862268"   "4890319"   "4908707"   "5121476"   "5260788"   "5282238"   "5282249").PN.	USPAT	2004/01/20 17:01
-	44	5579055.URPN.	USPAT	2004/01/21 12:04

-	27	725/48.ccls.	USPAT	2004/03/02 14:57
-	1	6314571.pn.	USPAT	2004/03/02 16:47
-	4	("5576755"   "5579055"   "5666645"   "6005562").PN.	USPAT	2004/03/02
-	1	6314571.URPN.	USPAT	2004/03/02 15:05
_	28	("4115846"   "4697209"   "4706121"	USPAT	2004/03/02
		"5151789"   "4706121"   "5353121"		15:06
		"5532754"   "5550576"   "5559548"     "5629733"   "5635978"   "5686954"		
		"5699107"   "5732338"   "5751282"		
		"5751372"   "5758257"   "5760821"     "5794207"   "5801753"   "5801787"		
		"5805204"   "5805235"   "6133912"		
		"6182287"   "6314571"   "6331852"     "6397387"   "6536041").PN.		
-	109984	(schedule or egp or ipg or guide) same	USPAT	2004/03/02
_	622	(creat\$4 or mak\$3 or provid\$3) ((schedule or egp or ipg or guide) same	USPAT	15:12 2004/03/02
	022	(creat\$4 or mak\$3 or provid\$3)) and	OSFAI	15:11
_	126	725/\$.ccls. (((schedule or egp or ipg or guide) same	USPAT	2004/03/02
		(creat\$4 or mak\$3 or provid\$3)) and		15:35
_	147343	725/\$.ccls.) and combine (schedule or egp or ipg or guide) same	USPAT;	2004/03/02
	115	(creat\$4 or mak\$3 or provid\$3)	JPO	15:12
_	115	725/32.ccls.	USPAT	2004/03/02 15:35
-	51	725/32.ccls. and (guide or ipg or epg or	USPAT	2004/03/02
-	5377	schedule) ogawa.in.	USPAT	2004/03/02
_	1	ogawa.in. and (program adj2 guide)	USPAT	16:31 2004/03/02
_	885	ogawa.in. and (guide)	USPAT	16:31 2004/03/02
			-	16:31
-	1	(ogawa.in. and (guide)) and 725/\$.ccls.	USPAT	2004/03/02 16:32
-	143	725/92.ccls.	USPAT	2004/03/02 16:32
-	50	725/92.ccls. and (ipg or epg or guide or schedule)	USPAT	2004/03/02 16:33
-	20	((schedule or egp or ipg or guide) same	USPAT	2004/03/02
		(creat\$4 or mak\$3 or provid\$3)) and 725/92.ccls.		16:35
-	247	725/114.ccls.	USPAT	2004/03/02
_	37	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT	2004/03/02
		(creat\$4 or mak\$3 or provid\$3)) and 725/114.ccls.		16:46
-	43304	455/\$.ccls.	USPAT	2004/03/02
_	32	   (455/\$.ccls. and ((schedule or egp or ipg	USPAT	16:47 2004/03/03
		or guide) same (creat\$4 or mak\$3 or provid\$3))) and 725/\$.ccls.		08:09
_	7	(program adj2 guide) with (data and	EPO; JPO;	2004/03/03
		collection)	DERWENT; IBM_TDB	08:12
-	660	(program adj2 guide) with (data or	EPO; JPO;	2004/03/03
		collection)	DERWENT; IBM TDB	08:13
_	20	((program adj2 guide) with (data or	EPO; JPO;	2004/03/03
		collection)) and ((ipg or epg) with   (deliver\$3 or creat\$4 or distribut\$4))	DERWENT; IBM TDB	08:43
-	2	((ipg or epg) with (deliver\$3 or creat\$4	EPO; JPO;	2004/03/03
		or distribut\$4) and (redundan\$4))	DERWENT; IBM TDB	08:44
	l <u> </u>	I		

-	94	<pre>((ipg or epg) with (deliver\$3 or creat\$4 or distribut\$4) and (redundan\$4))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/03 08:44
-	482	or guide) same (creat\$4 or mak\$3 or	IBM_TDB USPAT	2004/03/03
-	90	<pre>provid\$3)) (455/\$.ccls. and ((schedule or egp or ipg or quide) same (creat\$4 or mak\$3 or</pre>	USPAT	2004/03/03
		<pre>provid\$3))) and (redundan\$3 or back\$1up or backup)</pre>		
-	884	348/\$.ccls. and ((schedule or egp or ipg or guide) same (creat\$4 or mak\$3 or provid\$3))	USPAT	2004/03/03
-	125	•	USPAT	2004/03/03
-	102	· ·	USPAT	2004/03/03 11:35
-	1	-	USPAT	2004/03/03
-	1	5559550.pn.	USPAT	2004/03/03
-	1	5805230.pn.	USPAT	2004/03/03 12:45
-	305	348/722.ccls.	USPAT	2004/03/03 12:48
-	1592	348/722.ccls. and (ipg or epg or 'program guide' or schedule adj2 guide) 709/217.ccls.	USPAT USPAT	2004/03/03 12:47 2004/03/03
	4321	709/217.ccis.	USPAT	13:00 2004/03/03
_	84	709/217.ccls. and 725/\$.ccls.	USPAT;	13:04
_	14	(709/217.ccls. and 725/\$.ccls.) and	US-PGPUB USPAT;	12:57 2004/03/03
-	1409	'program guide' 709/219.ccls.	US-PGPUB USPAT	13:00 2004/03/03
-	12	709/219.ccls. and 'program guide'	USPAT; US-PGPUB	13:00 2004/03/03 13:05
-	66	725/138.ccls.	USPAT	2004/03/03
-	19	725/138.ccls. and 'program guide'	USPAT; US-PGPUB	2004/03/03
-	1	6314571.URPN.	USPAT	2004/03/03 13:09
-	139479	news america pulications.as.	USPAT; US-PGPUB	2004/03/03 13:14
-	1206	(news america pulications.as.) and 'program guide'	USPAT; US-PGPUB	2004/03/03 13:14
-	688	((news america pulications.as.) and 'program guide') and 725/\$.ccls.	USPAT; US-PGPUB	2004/03/03 13:14
-	39	5666645.URPN.	USPAT	2004/03/03
-	64	hendricks.in. and CAP	USPAT	2004/03/03
-	1	6020880.pn.	USPAT	2004/03/03
_	18	("4740912"   "4751578"   "4812843"   "4928177"   "4989174"   "5027400"   "5121476"   "5131020"   "5168353"   "5182555"   "5327498"   "5576755"   "5585838"   "5589892"   "5592551"   "5657072"   "5684525"   "5808694").PN.	USPAT	2004/03/03

-	218	(epg or ipg or guide) same (server\$3 or head\$lend or headend or provider) same	USPAT; JPO	2004/03/03 16:26
_	403377	(broadcast\$3) mitsubishi.as.	USPAT;	2004/03/03
_	17	mitsubishi.as. and (program adj2 guide)	JPO USPAT;	14:25 2004/03/03
_	13	386/\$.ccls. and (over\$1time)	JPO USPAT;	14:25 2004/03/03
_	1	(broadcaster same ((ipg or epg) same	JPO USPAT	15:17   2004/03/03
-	3	1 (	USPAT	15:52 2004/03/03
-	12	head\$lend or headend or provider) same	EPO	15:53 2004/03/03 16:26
_	4321	(broadcast\$3) 725/\$.ccls.	USPAT	2004/03/04
_	18	725/\$.ccls. and hendricks.in.	USPAT	2004/03/04 08:15
-	15	(725/\$.ccls. and hendricks.in.) and cap	USPAT	2004/03/04
_	6301	(ipg or epg or guide or program\$1guide) same (trigger\$3 or over\$1time or notif\$3)	USPAT	2004/03/04
-	40	<pre>((ipg or epg or guide or program\$1guide) same (trigger\$3 or over\$1time or notif\$3)) and 725/\$.ccls.</pre>	USPAT	2004/03/04 16:24
_	3		USPAT	2004/03/04 16:21
-	663	<pre>((ipg or epg or guide or program\$1guide) same (trigger\$3 or over\$1time or notif\$3)) and (vtr or vcr or tape or</pre>	USPAT	2004/03/04 16:23
_	30	<pre>same (trigger\$3 or over\$1time or notif\$3)) and (vtr or vcr or tape or record\$3) same (control\$4 or notify\$3))</pre>	USPAT	2004/03/04 16:23
-	2162	same (trigger\$3 or over\$1time or	USPAT	2004/03/04 16:26
-	20	notif\$3)) and (change or over\$1time) ((((ipg or epg or guide or program\$1guide) same (trigger\$3 or over\$1time or notif\$3)) and (vtr or vcr or tape or record\$3) same (control\$4 or notify\$3)) and 725/\$.ccls.) and (((ipg or epg or guide or program\$1guide) same (trigger\$3 or over\$1time or notif\$3)) and (change or over\$1time))	USPAT	2004/03/04 16:24
-	4987	, , , , , , , , , , , , , , , , , , , ,	USPAT	2004/03/04 16:26
-	1655		USPAT	2004/03/04 16:26
-	19		USPAT	2004/03/04 16:27
-	98		USPAT	2004/03/05 08:48

-	2	(ipg or epg or program\$1guide) same (version near4 number)	USPAT	2004/03/05
-	236	(ipg or epg or program\$1guide or schedule) same (step\$1wise or stepwise or	USPAT	2004/03/08
		periodic) same (update or up\$ldate or event or change or overtime or		
		over\$1time)		
-	25	((ipg or epg or program\$1guide or schedule) same (step\$1wise or stepwise or	USPAT	2004/03/08 14:02
		periodic) same (update or up\$1date or		
		event or change or overtime or over\$1time)) and 725/\$.ccls.		
-	6	((ipg or epg or program\$1guide or	USPAT	2004/03/08
		schedule) same (step\$1wise or stepwise or periodic) same (update or up\$1date or		14:02
		event or change or overtime or		
		<pre>over\$1time)) and (over\$1time or overtime or (unschedule\$1 near2 change\$1))</pre>		
-	77	((ipg or epg or program\$1guide or	USPAT	2004/03/08
		schedule) same (step\$1wise or stepwise or periodic) same (update or up\$1date or		14:05
		event or change or overtime or		
		over\$1time)) and (head\$1end or headend or server)		
-	1450	(head\$lend or headend or server) same	USPAT	2004/03/08
		<pre>(ipg or epg or schedule or program\$1guide)</pre>		14:06
-	39	(((ipg or epg or program\$1guide or	USPAT	2004/03/08
		schedule) same (step\$1wise or stepwise or periodic) same (update or up\$1date or		14:06
		event or change or overtime or		
		over\$1time)) and (head\$1end or headend or server)) and ((head\$1end or headend or		
		server) same (ipg or epg or schedule or program\$1quide))		
-	567	(over\$1time or overtime) and (record or	USPAT	2004/03/08
		preserve or store or vcr or vtr or dvr or pvr)		14:24
-	9	((over\$1time or overtime) and (record or	USPAT	2004/03/08
		preserve or store or vcr or vtr or dvr or pvr) ) and 725/\$.ccls.		15:29
-	51	725/50.ccls.	USPAT	2004/03/09 08:42
_	1	725/50.ccls. and (overtime or over\$1time	USPAT	2004/03/09
		or unschedule\$1 or (unschedule\$1 near3 change))		08:43
-	318	(guide or ipg or epg or schedule\$1data)	USPAT	2004/03/29
_	4	same (check\$3 with section) ((guide or ipg or epg or schedule\$1data)	USPAT	11:51 2004/03/29
	_	same (check\$3 with section)) and		11:51
_	7619	725/\$.ccls. (guide or ipg or epg or schedule\$1data)	USPAT	2004/03/29
		same (check\$3)	USPAT	11:51 2004/03/29
	112	((guide or ipg or epg or schedule\$1data) same (check\$3)) and 725/\$.ccls.	USPAT	11:52
-	748	725/39-61.ccls.	USPAT	2004/03/29 11:52
-	92		USPAT	2004/03/29
_	17	same (check\$3)) and 725/39-61.ccls. (((guide or ipg or epg or schedule\$1data)	USPAT	11:52
	]	same (check\$3)) and 725/39-61.ccls.) and		14:07
_	27	(check\$3 same ((ipg or epg) with data)) (((guide or ipg or epg or schedule\$1data)	USPAT	2004/03/30
		with (check\$3))) and (check\$3 same ((ipg		14:20
_	3	or epg) with data)) (((guide or ipg or epg or schedule\$1data)	USPAT	2004/03/30
		near6 (suppl\$3 or vendor\$3) with (check\$3))) and (check\$3 same ((ipg or		14:31
		epg) with data))		

-	333	((EPG or IPG) or ((program or TV or television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3))) with (verif\$7	USPAT	2004/03/30 15:47
-	16	or check\$3 or confirm\$3 or validat\$3) (((EPG or IPG) or ((program or TV or	USPAT	2004/03/30
		television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3))) with (verif\$7 or check\$3 or confirm\$3 or validat\$3))		14:34
_	20	and ((EPG or IPG) with (vendor\$3 or suppl\$4)) ((EPG or IPG) or ((program or TV or	USPAT	2004/03/30
		television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3)) same ((suppl\$3 or vend\$3) with (verif\$7 or check\$3 or confirm\$3 or validat\$3))	OSTAT	15:35
-	957		USPAT	2004/03/30 15:36
_	4	broadcaster\$1))	USPAT	2004/03/30
		<pre>listing\$1 or schedul\$3))) same ((suppl\$3 or vend\$3) with (other\$1 or broadcaster\$1))</pre>		
-	320		USPAT	2004/03/30 15:37
	140	or vend\$3) with2 (other\$1 or broadcaster\$1))) and 725/\$.ccls.		0004/00/00
-	140	<pre>(((EPG or IPG) or ((program or TV or television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3))) same ((suppl\$3 or vend\$3) with2 (other\$1 or</pre>	USPAT	2004/03/30 15:47
_	84	broadcaster\$1))) and 725/47-49,39,44,114-117.ccls. ((EPG or IPG) or ((program or TV or	USPAT	2004/03/30
		television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3))) with (other\$1 or broadcaster\$1)	OSPAI	16:26
-	3		JPO	2004/03/30 15:48
-	50		USPAT	2004/03/30 16:25
_	0	((EPG or IPG) or ((program or TV or television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3))) and (other\$1broadcaster\$1 or (other near5 (IPG or EPG or program\$1guide) same	USPAT	2004/03/30 16:22
-	301	(suppl\$4 or vendor\$1))) 725/143-147.ccls.	USPAT	2004/03/30
-	9091	((EPG or IPG) or ((program or TV or television or menu) adj3 (guide\$1 or listing\$1 or schedul\$3)))	USPAT	2004/03/30 16:26
_	23	725/143-147.ccls. and (((EPG or IPG) or ((program or TV or television or menu) adj3 (guide\$1 or listing\$1 or	USPAT	2004/03/31 09:25
-	14	"5412416"   "5600573"   "5659350"   "6266813"   "6271886"   "6378129"   "6389593"   "6401242"   "6442326"	USPAT	2004/03/30 16:32
-	4044	"6460018"   "6526575").PN. 725/\$.ccls. and (((EPG or IPG) or ((program or TV or television or menu) adj3 (guide\$1 or listing\$1 or	USPAT	2004/03/31 09:35
L	l	<pre>schedul\$3))) same2 (first or prior\$3) )</pre>		

				· · · · · · · · · · · · · · · · · · ·
-	27	(	USPAT	2004/03/31
		((program or TV or television or menu)		09:38
		adj3 (guide\$1 or listing\$1 or		
		schedul\$3))) same2 (first or prior\$3) ))		
	647	and 725/48.ccls.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2004/02/23
-	647	, , , ,	USPAT	2004/03/31
		((program or TV or television or menu)		09:36
		adj3 (guide\$1 or listing\$1 or		1
		schedul\$3))) same2 (first or prior\$3)))		
		and (vcr or vtr or record\$5 or preserv\$6		į l
		or pvr or dvr) with (chang\$3 or reserv\$6		
	_	or schedul\$3 or un\$1schedul\$3)		
-	6	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT	2004/03/31
	1	((program or TV or television or menu)		09:29
		adj3 (guide\$1 or listing\$1 or		
	i	schedul\$3))) same2 (first or prior\$3)))		
	}	and (vcr or vtr or record\$5 or preserv\$6		
	i	or pvr or dvr) with (chang\$3 or reserv\$6		
		or schedul\$3 or un\$1schedul\$3)) and		
	1004	725/48.ccls.		0004 (00 (01
-	1064		USPAT	2004/03/31
		((program or TV or television or menu)		09:36
1	1	adj3 (guide\$1 or listing\$1 or	i	
1	1	schedul\$3))) same2 (un\$1schedul\$3 near2		
I	1 272	(adjust\$6 or chang\$3)))		1 0004 (03 (33
-	370	, , , , , , , , , , , , , , , , , , , ,	USPAT	2004/03/31
		((program or TV or television or menu)		09:37
	1	adj3 (guide\$1 or listing\$1 or		
		schedul\$3))) same2 (un\$1schedul\$3 near2		
[	ļ	(adjust\$6 or chang\$3)) )) and ((vcr or		
	1	vtr or record\$5 or preserv\$6 or pvr or		
		dvr) with (chang\$3 or reserv\$6 or		
	_	schedul\$3 or un\$1schedul\$3))	110 5 7 11	2004/02/21
<del>-</del>	0	((725/\$.ccls. and (((EPG or IPG) or	USPAT	2004/03/31
		((program or TV or television or menu)		09:38
		adj3 (guide\$1 or listing\$1 or		
		schedul\$3))) same2 (un\$1schedul\$3 near2		
		(adjust\$6 or chang\$3)) )) and ((vcr or vtr or record\$5 or preserv\$6 or pvr or		
1		dvr) with (chang\$3 or reserv\$6 or	ì	
		schedul\$3 or un\$1schedul\$3))) and		
		((un\$1schedul\$3 near2 (adjust\$6 or		
	1	chang\$3))) same (vcr or vtr or record\$5		
1				
l _	0	or preserv\$6 or pvr or dvr) ((725/\$.ccls. and (((EPG or IPG) or	USPAT	2004/03/31
-	ľ		USPAI	09:38
1	1	((program or TV or television or menu) adj3 (guide\$1 or listing\$1 or		09.30
1		schedul\$3))) same2 (un\$1schedul\$3 near2		
1		schedul;3))) same2 (un;1schedul;3 hear2   (adjust\$6 or chang\$3)) )) and ((vcr or		
1		vtr or record\$5 or preserv\$6 or pvr or		
	1	dvr) with (chang\$3 or reserv\$6 or		
	Ì	schedul\$3 or un\$1schedul\$3))) and		]
		(((un\$1schedul\$3 near2 (adjust\$6 or		
		chang\$3))) same (vcr or vtr or record\$5		
		or preserv\$6 or pvr or dvr))		
1_	6	((725/\$.ccls. and (((EPG or IPG) or	USPAT	2004/03/31
	"	((program or TV or television or menu)	OSFAI	09:54
		((program of iv of television of menu)   adj3 (guide\$1 or listing\$1 or		09.34
1		schedul\$3))) same2 (un\$1schedul\$3 near2		
	[	(adjust\$6 or chang\$3)) )) and ((vcr or		
		vtr or record\$5 or preserv\$6 or pvr or		
		dvr) with (chang\$3 or reserv\$6 or		
		schedul\$3 or un\$1schedul\$3))) and 725/48.ccls.		
1_	3	•	USPAT	2004/03/31
-	3	(unschedul\$3 near2 chang\$3) same (record\$3 or vcr or vtr or pvr)	USPAI	09:54
_	8		USPAT	2004/03/31
	·	"5371547"   "5563892"   "5600378"	OSFAI	09:55
		"5619274"   "5642153").PN.		09.33
1_	96	725/58.ccls.	USPAT	2004/04/05
		7.20, 30.0013.	OSIAI	09:15
L	L		I	09.10

_	92	or reserv\$6) same (record\$5 or preserv\$3	USPAT	2004/04/05 09:16
_	61	or stor\$3) (725/58.ccls. and (trigger\$3 or control\$4 or reserv\$6) same (record\$5 or preserv\$3	USPAT	2004/04/05 09:20
		or stor\$3)) and (schedul\$3 or un\$1schedul\$3)		
-	54	((725/58.ccls. and (trigger\$3 or control\$4 or reserv\$6) same (record\$5 or	USPAT	2004/04/05 09:18
		<pre>preserv\$3 or stor\$3)) and (schedul\$3 or un\$1schedul\$3)) and (ipg or epg or program\$1quide or schedule)</pre>		
_	0		USPAT	2004/04/05 09:20
		<pre>preserv\$3 or stor\$3)) and (schedul\$3 or un\$1schedul\$3)) and (ipg or epg or</pre>		
		<pre>program\$1guide or schedule)) and (un\$1schedul\$3 with (chang\$3 or adjust\$5))</pre>		
_	1	(((725/58.ccls. and (trigger\$3 or control\$4 or reserv\$6) same (record\$5 or	USPAT	2004/04/05 09:52
		<pre>preserv\$3 or stor\$3)) and (schedul\$3 or un\$1schedul\$3)) and (ipg or epg or</pre>		
		<pre>program\$1guide or schedule)) and  ((un\$1schedul\$3 or overtime) with  (chang\$3 or adjust\$5))</pre>		
-	2	(((725/58.ccls. and (trigger\$3 or control\$4 or reserv\$6) same (record\$5 or	USPAT	2004/04/05 09:49
		preserv\$3 or stor\$3)) and (schedul\$3 or un\$1schedul\$3)) and (ipg or epg or program\$1guide or schedule)) and		
_	16	(over\$1time)	USPAT	2004/04/05
		"5588866"   "5699107"   "5699125"     "5751282"   "5754258"   "5805763"     "5815145"   "5844595"   "5867208"		09:51
		"6141488"   "6173112"   "6226444"   "6400406").PN.		
-	304	(chang\$3 or adjust\$5))	USPAT	2004/04/05
-	0	(("4963994"   "5485219"   "5579055"   "5588866"   "5699107"   "5699125"   "5751282"   "5754258"   "5805763"	USPAT	2004/04/05
		"5815145"   "5844595"   "5867208"   "6141488"   "6173112"   "6226444"		
_	6	"6400406").PN.) and (((un\$1schedul\$3 or overtime) with (chang\$3 or adjust\$5))) (((un\$1schedul\$3 or overtime) with	USPAT	2004/04/05
_	865	((distributions of overtime, with (chang\$3 or adjust\$5))) and 725/\$.ccls. 725/34-54.ccls.	USPAT	11:16 2004/04/05
_	836	725/34-54.ccls. and (transmi\$7 or send\$3	USPAT	13:06 2004/04/05 11:18
-	816	or updat\$3) 725/34-54.ccls. and (transmi\$7 or send\$3)	USPAT	2004/04/05 11:18
-	797	725/34-54.ccls. and (transmi\$7)	USPAT	2004/04/05 11:19
_	160	725/54.ccls.	USPAT USPAT	2004/04/05 14:20 2004/04/05
-	98	broadcast\$4) (725/34-54.ccls. and (two with	USPAT	12:28 2004/04/05
_	36	broadcast\$4)) and (ipg or epg or program\$1guide\$1 or schedule) (725/34-54.ccls. and (two with	USPAT	11:22
		broadcast\$4)) and (broadcast\$4 with (exchang\$3 or send\$3 or interpret\$3) with		11:58
		(data or information or epg or ipg or guide\$1 or program\$1guide\$1))		

_	0	((725/34-54.ccls. and (two with broadcast\$4)) and (broadcast\$4 with	USPAT	2004/04/05 11:28
		(exchang\$3 or send\$3 or interpret\$3) with (data or information or epg or ipg or		
		<pre>guide\$1 or program\$1guide\$1))) and (inter\$1station\$1)</pre>		
_	0	725/34-54.ccls. and (inter\$1station\$1)	USPAT	2004/04/05 11:28
_	160	(725/34-54.ccls. and (two with broadcast\$4)) and ((broadcast\$4 with	USPAT	2004/04/05 12:02
		<pre>(exchang\$3 or send\$3 or interpret\$3)) with2 (data or information or epg or ipg</pre>		
		or guide\$1 or program\$1guide\$1) with2 ((another or second\$3) near5		
_	2	broadcast\$3)) (725/34-54.ccls. and (two with	USPAT	2004/04/05
		<pre>broadcast\$4)) and ((broadcast\$4 with (exchang\$3 or send\$3 or interpret\$3))</pre>		12:02
		with (data or information or epg or ipg or guide\$1 or program\$1guide\$1) with		
		((another or second\$3) near5 broadcast\$3))		
-	4	"5576755"   "5579055"   "5666645"   "6005562").PN.	USPAT	2004/04/05 12:13
-	16	(provid\$3 or exchang\$3 or transmi\$6) with (ipg or epg or program\$1guide\$1 or	USPAT	2004/04/05 12:32
		schedul\$3) with ((another or other or second\$4) near3 (broadcast\$3))		12.02
-	292		USPAT	2004/04/05 12:29
-	203		USPAT	2004/04/05 12:29
		(ipg or epg or program\$1guide or schedul\$3)		
_	201		USPAT	2004/04/05 12:31
		<pre>(ipg or epg or program\$1guide or schedul\$3)) and ((exchang\$3 or swap\$5 or</pre>		
		replac\$3) with2 (ipg or epg or guide or menu or schedule or program\$1guide))		
-	173		USPAT	2004/04/05 13:00
		and (ipg or epg or program\$1guide or schedul\$3)) and ((exchang\$3 or swap\$5 or		
		replac\$3) with2 (ipg or epg or guide or menu or schedule or program\$1guide))) and		
_	10	(provid\$3) and (receiv\$3)	USPAT	2004/04/05
		near3 (ipg or epg or program\$1guide\$1 or schedul\$3) with ((another or other or		12:33
_	5	second\$4) near3 (broadcast\$3)) (broadcast\$3) near4 (exchang\$3 or swap\$5	USPAT	2004/04/05
		or replac\$3) near4 (ipg or epg or guide or program\$1guide or schedul\$4)		12:35
-	704	(broadcast\$3 or station\$1) near3 (exchang\$3) near3 (information or	USPAT	2004/04/05 13:01
_	10	<pre>program\$1guide or ipg or epg) ((broadcast\$3 or station\$1) near3</pre>	USPAT	2004/04/05
		(exchang\$3) near3 (information or program\$1guide or ipg or epg)) and		13:02
_	57	725/\$.ccls. 725/54.ccls.	USPAT	2004/04/05
-	115	725/109.ccls.	USPAT	13:31 2004/04/05
-	10	("4682370"   "5289288"   "5440351"	USPAT	13:55 2004/04/05
		"5585858"   "5764965"   "5894320"   "5900908"   "5930444"   "6018768"		13:49
_	51	"6209028"   "2001/0025377").PN. 725/50.ccls.	USPAT	2004/04/05
			l	13:55

-	683	725/39-54,109.ccls.	USPAT	2004/04/05 14:20
_	18024	(two\$1way or exchang\$3 or synchroniz\$6)	USPAT	2004/04/05
		same (information or data or program\$4)	******	14:26
		same (broadcast\$3 or station\$1 or		
	İ	head\$1end\$1)		
_	127	725/39-54,109.ccls. and ((two\$1way or	USPAT	2004/04/05
		exchang\$3 or synchroniz\$6) same		14:25
		(information or data or program\$4) same		1
	ĺ	(broadcast\$3 or station\$1 or		1
		head\$1end\$1))		1
-	12878		USPAT	2004/04/05
		with (information or data or program\$4)		14:26
		same (broadcast\$3 or station\$1 or head\$1end\$1)		
_	100		USPAT	2004/04/05
-	100	exchang\$3 or synchroniz\$6) with	USPAI	14:36
	İ	(information or data or program\$4) same		14.50
	:	(broadcast\$3 or station\$1 or		]
		head\$lend\$1))		1
_	316	(two\$1way) with (communication\$1 or	DERWENT	2004/04/05
		exchang\$3 or swap) with (head\$1end\$1 or		14:46
		station\$1 or broadcast\$3)		
-	0		DERWENT	2004/04/05
		exchang\$3 or swap) with (head\$1end\$1 or		14:37
	1	station\$1 or broadcast\$3)) and (exchang\$3		
		with (ipg or epg or program\$1guide\$1 or		
		guide\$1))		2004/04/05
-	7	((two\$1way) with (communication\$1 or exchang\$3 or swap) with (head\$1end\$1 or	DERWENT	2004/04/05
		station\$1 or broadcast\$3)) and (ipg or		14:39
		epg or program\$1guide\$1 or guide\$1)		
l _	48		JPO	2004/04/05
		guide\$1) same (exchange) and (head\$1end	010	14:47
		or station\$1 or broadcast\$3)		
-	0		DERWENT	2004/04/05
İ		exchang\$3 or swap) with (head\$1end\$1 or		14:46
1		station\$1 or broadcast\$3)) and		
		725/\$.ccls.		
-	0	((two\$1way) with (communication\$1 or	DERWENT	2004/04/05
ļ	}	exchang\$3 or swap) with (head\$1end\$1 or		14:46
		station\$1 or broadcast\$3)) and		
	_	348/\$.ccls.	HCDAG	2004/04/05
-	0	((two\$1way) with (communication\$1 or exchang\$3 or swap) with (head\$1end\$1 or	USPAT	2004/04/05
		station\$1 or broadcast\$3)) and		"""
		725/\$.ccls.		
_	2062	(two\$1way) with (communication\$1 or	USPAT	2004/04/05
		exchang\$3 or swap) with (head\$1end\$1 or		14:46
		station\$1 or broadcast\$3)		
-	228	((two\$1way) with (communication\$1 or	USPAT	2004/04/05
	ĺ	exchang\$3 or swap) with (head\$1end\$1 or		14:46
		station\$1 or broadcast\$3)) and 725/		
-	832	(ipg or epg or program\$1guide\$1 or	USPAT	2004/04/05
		guide\$1) same (exchange) and (head\$1end		14:47
	_	or station\$1 or broadcast\$3)	HCDZ	2004/04/05
-	0	(((two\$1way) with (communication\$1 or	USPAT	2004/04/05
		exchang\$3 or swap) with (head\$1end\$1 or station\$1 or broadcast\$3)) and		14:4/
		725/\$.ccls.) and ((ipg or epg or		
1	ĺ	rogram\$1guide\$1 or guide\$1) same	]	
		(exchange) and (head\$lend or station\$1 or		
		broadcast\$3))		
-	185		USPAT	2004/04/05
	1	exchang\$3 or swap) with (head\$1end\$1 or		14:47
		station\$1 or broadcast\$3)) and		
		725/\$.ccls.		
-	3		USPAT	2004/04/19
L	<u> </u>	schedul\$3 or guide\$1 or program\$1guide\$1)	<u> </u>	12:05

_	436	• • • • • • • • • • • • • • • • • • • •	USPAT	2004/04/19
		with (ipg or epg or schedul\$3 or guide\$1		12:19
		or program\$1guide\$1) with (broadcast\$3 or	,	
		station\$3 or provider\$1 or head\$lend\$1)		
-	17	((exchang\$3 or interchang\$3 or shar\$3)	USPAT	2004/04/19
		with (ipg or epg or schedul\$3 or guide\$1	;	12:20
		or program\$1guide\$1) with (broadcast\$3 or		
		station\$3 or provider\$1 or head\$1end\$1)) and 725/\$.ccls.		
_	175		USPAT	2004/04/19
l -	1,3	with (schedule or program\$1 or data\$1)	OSIAI	12:41
		with (broadcast\$3 or station\$3 or		
1		provider\$1 or head\$1end\$1)) and		
		725/\$.ccls.		
-	657	hendricks.in.	USPAT	2004/04/19
				12:26
-	18	hendricks.in. and 725/\$.ccls.	USPAT	2004/04/19
				12:27
-	20		USPAT	2004/04/19
		with (schedule or program\$1 or data\$1)		12:46
		<pre>with (broadcast\$3 or station\$3 or provider\$1 or head\$1end\$1)) and</pre>	•	
		725/\$.ccls.) and (head\$lend\$1) and		
		(exchang\$3 or chang\$3 or interchang\$3)		
		with (ipg or epg or program\$1guide\$1 or		
		guide\$1 or data or information\$2 or		
] 1		program\$4 or video\$1))		
-	162		USPAT	2004/04/19
		or interchang\$3) with (ipg or epg or		12:46
		program\$1guide\$1 or guide\$1 or data or		
	0.5	information\$2 or program\$4 or video\$1))	11G D 2 M	2004/04/10
-	86	((head\$1end\$1 with (exchang\$3 or chang\$3 or interchang\$3) with (ipg or epg or	USPAT	2004/04/19 12:47
		program\$1guide\$1 or guide\$1 or data or		12.47
		information\$2 or program\$4 or video\$1)))		
		and 725/\$.ccls.		
_	66		USPAT	2004/04/19
		or interchang\$3) with (ipg or epg or		12:58
		program\$1guide\$1 or guide\$1 or data or		
		<pre>information\$2 or program\$4 or video\$1)))</pre>		
		and 725/\$.ccls.) not ((((exchang\$3 or		
		interchang\$3 or shar\$3) with (schedule or		
		<pre>program\$1 or data\$1) with (broadcast\$3 or station\$3 or provider\$1 or head\$1end\$1))</pre>		
		and 725/\$.ccls.) and (head\$lend\$1 with		
		(exchang\$3 or chang\$3 or interchang\$3)		
		with (ipg or epg or program\$1guide\$1 or		
		guide\$1 or data or information\$2 or		
		program\$4 or video\$1)))		
-	55	1====================================	USPAT	2004/04/19
		or head\$lend\$1 or node\$1) and 725/\$.ccls.		13:10
<del>-</del>	26		USPAT	2004/04/19
		(head\$lend\$1 with head\$lend\$1) and		13:44
_	1	725/\$.ccls.   6378129.pn.	USPAT	2004/04/19
	1	05/0129.pm.	OSERI	13:09
_	1	5815194.pn.	USPAT	2004/04/19
	_	<del></del>		13:09
-	1	5845328.pn.	USPAT	2004/04/19
		_		13:09
-	18	(inter\$1chang\$6 or redundan\$3) with (h\$1e	USPAT	2004/04/19
		or head\$lend\$1 or node\$1) and 348/\$.ccls.		13:12
-	0		EPO; JPO;	2004/04/19
		or head\$1end\$1 or node\$1 or station\$1 or	IBM_TDB	13:12
_	708	broad\$1cast\$3) and 348/\$.ccls. (inter\$1chang\$6 or redundan\$3) with (h\$1e	EPO; JPO;	2004/04/19
	'08	or head\$lend\$1 or node\$1 or station\$1 or	IBM TDB	13:12
		broad\$1cast\$3)		
L	L	·	<del></del>	

117   (interSichang86 or redundna93 or exchang83) with (fiste or head8lend\$1 or programs ignides)   13:20			
exchangs3] with (h\$1e or head\$lend\$1 or broad\$least\$3 or station\$1) with (ipp or epg or guide or schedule or program3[quide\$1] or broad\$least\$3 or station\$1) with (ipp or epg or guide or schedule or program3[quide\$1] or broad\$least\$3 or station\$1] with (ipp or exchang\$3) with (h\$1e or head\$lend\$1 or broad\$least\$3 or station\$1] with (ipp or exchang\$3) with (h\$1e or head\$lend\$1 or broad\$least\$3 or station\$1] with (ipp or exchang\$3) with (h\$1e or head\$lend\$1 or broad\$least\$3 or station\$1] with (ipp or exchang\$3) with (h\$1e or head\$lend\$1 or broad\$least\$3 or station\$1] with (ipp or exchang\$3) with (h\$1e or head\$lend\$1 or broad\$least\$3 or station\$1] with (ipp or exchang\$3) with (h\$1e or head\$lend\$1 or broad\$least\$3 or station\$1] with (ipp or exchang\$3) with (inform\$1 or schedule or program\$1 quide\$1]  - 1   151626.pm.   USPAT   2004/04/19   13:27   13:28   13:49   13:4		USPAT	2004/04/19
broadSicast3 or station\$1) with (ipg or epg or guide or schedule or programsIquide\$1)	I PYCHANGS I WITH INSIE OF NEAGSIENGS I OF		
egg or guide or schedule or programslyquides   13:21			13.20
		r	
Cintersichangs8 or redundans3 or exchangs3) with (histo or heads]ends1 or broads]cast53 or stations1) with (ipp or epp or guide or schedule or programs[guide51)   13:21   1			
exchang\$3) with (h\$1e or head\$1end\$1 or hroad\$1cast\$3 or station\$1) with (ipp or epp or guide or schedule or program51guide\$1)	program\$1guide\$1)		
exchang\$3) with (h\$1e or head\$1end\$1 or hroad\$1cast\$3 or station\$1) with (ipp or epp or guide or schedule or program51guide\$1)	- 6 (inter\$1chang\$6 or redundan\$3 or	EPO	2004/04/19
broad\$icast\$3 or station\$1 with (ipg or epp or guide or schedule or program\$[guide\$1]			1 · · · · · · · · · · · · · · · · · · ·
epg or guide or schedule or program3juide51]			13.21
		r	
Content   Cont	epg or guide or schedule or	i	
Content   Cont	program\$1guide\$1)		
exchang33   with (h8]e or heads]end\$1 or herod\$1 cast\$3 or station\$1 with (ipg or epg or guide or schedule or programs[1] with (ipg or epg or guide or schedule or programs[1] with (h8]e or heads]end\$1 or herod\$1 cast\$3 or station\$1 with (ipg or epg or guide or schedule or programs[1] subt (h8]e or heads]end\$1 or herod\$1 cast\$3 or station\$1 with (ipg or epg or guide or schedule or programs[1] subt (h8]e or heads]end\$1 or herod\$1 cast\$3 or station\$1 with (ipg or epg or guide or schedule or programs[1] subt (h8]e or head\$1 cast\$3 or station\$1 with (ipg or epg or guide or schedule or programs[1] subt (h8]e or head\$1 cast\$3 cast\$3 cast\$4 cas	0 /intersichangs6 or redundans3 or	TRM TOR	2004/04/19
broadsleast33 or station\$1) with (ipg or epp or guide or schedule or programs quide\$1)   3			· ·
epg or guide or schedule or programs1guide\$1)  (inter\$1chang\$6 or redundan\$3 or exactang\$3) with (h\$1e or head\$1end\$1 or horoad\$1cast\$3 or station\$1) with (ipg or epg or guide or schedule or programs1guide\$1)  1 6151626.pn. USPAT 2004/04/19 13:28  1 1 5550578.pn. USPAT 2004/04/19 13:28  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			13:21
programs quide\$1	broad\$lcast\$3 or station\$1) with (ipg o	r	
43	epg or guide or schedule or	Í	
43	program\$1 quide\$1)	İ	1
exchang\$3] with (h91e or head\$lend\$1 or broad\$lcast\$3 or station\$1) with (ipg or epg or guide or schedule or program\$quide\$1)		l teo	2004/04/19
broad\$icast\$3 or station\$1) with (ipg or epg or guide or schedule or program\$1guide\$1)			
epp or guide or schedule or programs[3] guides[1]  - 1 6151626.pm.			13:27
program3 quide\$1    6151626.pn.   USPAT   2004/04/19   13:28   USPAT   13:28   USPAT   13:28   USPAT   13:28   USPAT   13:29   USPAT   13:49   USPAT   13:49   USPAT   13:49   USPAT   13:52   USPAT   13:55   USPAT	broad\$1cast\$3 or station\$1) with (ipg o	r	
program3 quide\$1    6151626.pn.   USPAT   2004/04/19   13:28   USPAT   13:28   USPAT   13:28   USPAT   13:28   USPAT   13:29   USPAT   13:49   USPAT   13:49   USPAT   13:49   USPAT   13:52   USPAT   13:55   USPAT	epg or guide or schedule or		
1   6151626.pm.			
1			1 0004 (04 (10
1	- 1 6151626.pn.	USPAT	
19   hoarty.in. and head\$lend\$1			13:28
19   hoarty.in. and head\$lend\$1	-   1   5550578.pn.	USPAT	2004/04/19
- 19 hoarty.in. and head\$lend\$l USPAT 2004/04/19 13:52 13:52 2004/04/19 13:55 13:52 2004/04/19 13:55 13:52 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:55 2004/04/19 13:56 2004/04/19 13:56 2004/04/19 13:58 2004/04/19 13:58 2004/04/19 13:58 2004/04/19 13:58 2004/04/19 13:58 2004/04/19 13:58 2004/04/19 13:58 2004/04/19 2004/04/		'	
12   hoarty.in. and super\$   USPAT;   2004/04/19   13:54   2004/04/19   13:54   2004/04/19   13:54   2004/04/19   13:54   2004/04/19   13:54   2004/04/19   13:54   2004/04/19   13:54   2004/04/19   13:55   2004/04/19   2004/	10   10   10   10   10   10   10   10	HODAM	
12	-   19  noarty.in. and head\$lend\$l	USPAT	
13:54   13:54   10:04/04/19   13:55   13:55   13:54   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:58			13:52
13:54   13:54   10:04/04/19   13:55   13:55   13:54   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:55   13:58	-   12   hoarty.in. and super\$	USPAT	2004/04/19
- 0 hoarty.in. and super\$lhead\$lend			
Second State		110000	
- 9 hoarty.in. and super  (head\$lend\$l or broadcast\$3) near4 (exchang\$3 or inter\$lchang\$3) with (information\$2 or data or program\$4) (head\$lend\$l or broadcast\$3) near4 (exchang\$3 or inter\$lchang\$3) with (information\$2 or data or program\$4) (head\$lend\$l or broadcast\$3) near4 (exchang\$3 or inter\$lchang\$3) with (information\$2 or data or program\$4) (information\$2 or data or program\$4) (information\$2 or data or program\$4) (scals or 386%.ccls. or 386%.ccls. or 386%.ccls. or 386%.ccls. or 386%.ccls. or 386%.ccls. or 386%.ccls. or 386%.ccls. or 386%.ccls.  - 866 head\$lend\$1 near6 head\$lend\$1 and	- U   noarty.in. and supersineadsiend	1	
Second   S		US-PGPUB	
Second   S	- 9 hoarty.in. and super	USPAT;	2004/04/19
- 308 (head\$lend\$1 or broadcast\$3) near4 (exchang\$3 or inter\$lchang\$3) with (information\$2 or data or program\$4) ((head\$lend\$1 or broadcast\$3) near4 (usPAT; 2004/04/19 (exchang\$3 or inter\$lchang\$3) with (information\$2 or data or program\$4) (usPAT; 2004/04/19 (exchang\$3 or inter\$lchang\$3) with (information\$2 or data or program\$4) and (725/\$.ccls. or 348/\$.ccls. or 386/\$.ccls. or 388/\$.ccls. or 386/\$.ccls. or		1	
(exchang\$3 or inter\$1chang\$3) with (information\$2 or data or program\$4) ((head\$1end\$1) or broadcast\$3) near4 (exchang\$3 or inter\$1chang\$3) with (information\$2 or data or program\$4) (sexchang\$3 or inter\$1chang\$3) with (information\$2 or data or program\$4) and (725/\$.ccls. or 348/\$.ccls. or 38/\$.ccls. or 38/\$.	209 (handélandél an handanatél)	L.	L
Cinformation\$2 or data or program\$4    USPAT;			1
- 96 ((head\$lend\$1 or broadcast\$3) near4 (exchang\$3 or inter\$lchang\$3) with (information\$2 or data or program\$4)) and (725/\$.ccls. or 346/\$.ccls. or 386/\$.ccls. or 709/\$.ccls.) - 866 head\$lend\$1 near6 head\$lend\$1 USPAT; 2004/04/19 USPAT; 2004/04/26 USPAT; 2004/04/		US-PGPUB	[ 14:00
- 96 ((head\$lend\$1 or broadcast\$3) near4 (exchang\$3 or inter\$lchang\$3) with (information\$2 or data or program\$4)) and (725/\$.ccls. or 346/\$.ccls. or 386/\$.ccls. or 709/\$.ccls.) - 866 head\$lend\$1 near6 head\$lend\$1 USPAT; 2004/04/19 USPAT; 2004/04/26 USPAT; 2004/04/	(information\$2 or data or program\$4)		
(exchang\$3 or inter\$1chang\$3) with (information\$2 or data or program\$4)) and (725/\$.ccls. or 348/\$.ccls. or 386/\$.ccls. or 709/\$.ccls.)         USPGPUB         14:10           -         866         head\$1end\$1 near6 head\$1end\$1         USPAT; 2004/04/19 USPAT; 2004/04/26 USPAT;		USPAT:	2004/04/19
(information\$2 or data or program\$4)) and (725/\$.ccls. or 348/\$.ccls. or 348/\$.ccls. or 386/\$.ccls. or 709/\$.ccls.)  - 866 head\$lend\$1 near6 head\$lend\$1 USPAT; 2004/04/19 US-PGPUB 14:08 USPAT; 2004/04/19 US-PGPUB 14:08 USPAT; 2004/04/19 US-PGPUB 14:08 USPAT; 2004/04/19 US-PGPUB 14:08 USPAT; 2004/04/19 US-PGPUB 14:08 USPAT; 2004/04/19 US-PGPUB 14:08 USPAT; 2004/04/19 US-PGPUB 14:27 US-PGPUB 14:27 US-PGPUB 14:27 US-PGPUB 14:27 US-PGPUB 14:27 US-PGPUB 14:27 US-PGPUB 14:28 USPAT; 2004/04/19 US-PGPUB 14:28 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 13:50 USPAT; 2004/04/26 USP		•	
- 866   (725/\$.ccls. or 348/\$.ccls. or 386/\$.ccls. or 709/\$.ccls.)   head\$lend\$1   uspAT;   2004/04/19   uspAT;   2004/04/26   uspAT			1,4:10
- 866 head\$lend\$1 near6 head\$lend\$1   USPAT; 2004/04/19   USPAT; 2004/04/26   USPAT; 2		nd	1
- 866 head\$lend\$1 near6 head\$lend\$1   USPAT; 2004/04/19   USPAT; 2004/04/26   USPAT; 2	(725/\$.ccls. or 348/\$.ccls. or		1
- 866 head\$lend\$1 near6 head\$lend\$1			1
- 417 (head\$lend\$l near6 head\$lend\$l) and 725/\$.ccls 358 ((head\$lend\$l near6 head\$lend\$l) and 725/\$.ccls.) and (head\$lend\$l near5 (data or information or program\$5)) - 9 (725/\$.ccls. and ((link\$3 or loop\$3)) near3 (head\$lend\$l))) and 725/\$l.ccls. and ((link\$3 or loop\$3)) near3 (head\$lend\$l)) - 139 725/\$.ccls. and ((link\$3 or loop\$3) near3 (head\$lend\$l)) - 27849 709/\$.ccls 27849 709/\$.ccls 92 725/91.ccls 510 725/\$.ccls. and ((inter\$lconnect\$3 or connect\$3) near6 (head\$lend\$l or node\$1)) - 77 725/\$.ccls. and ((inter\$lconnect\$3) near6 (head\$lend\$1 or node\$1)) - (multiple or several or plural\$3) near4 (head\$lend\$1 or node\$1)) - 14 725/109.ccls. and ((multiple or several or plural\$3) near4 (head\$lend\$1) or headend\$1) - 15 725/\$l.ccls. and ((multiple or several or plural\$3) near4 (head\$lend\$1) or headend\$1) - 15 725/109.ccls. and ((multiple or several or plural\$3) near4 (head\$lend\$1) or headend\$1) - 16 323893.pn 17 ("5327554"   "5477263"   "5539479"   USPAT 2004/04/26 12:56 - 11 ("5327554"   "55471263"   "5539479"   USPAT 2004/04/26 12:22 - 11 ("5327554"   "5541662"   "5539479"   USPAT 2004/04/26 12:35		י די גם פון	2004/04/19
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- 358 ((head\$lend\$l near6 head\$lend\$l) and 725/\$.ccls.) and (head\$lend\$l near5 (data or information or program\$5))  - 9 (725/\$.ccls. and ((link\$3 or loop\$3) near3 (head\$lend\$l)) and 725/91-94.ccls 139 725/\$.ccls. and ((link\$3 or loop\$3) near3 (head\$lend\$l)) - 27849 709/\$.ccls 27849 709/\$.ccls 92 725/91.ccls 92 725/91.ccls 10 725/\$.ccls. and ((inter\$lconnect\$3 or connect\$3) near6 (head\$lend\$l) USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/19 US-PGPUB 14:50 USPAT; 2004/04/26		US-PGPUB	
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- 14 725/109.ccls. and ((multiple or several or plural\$3) near4 (head\$1end\$1 or headend\$1))  - 115 725/109.ccls. USPAT 2004/04/26  - 1 6323893.pn. USPAT 2004/04/26  12:56  - 1 ("5327554"   "5477263"   "5539479"   USPAT 2004/04/26  "5539822"   "5541662"   "5594492"   USPAT 2004/04/26  "5571226"   "5818441"   "5903816"	connect\$3) near6 (head\$1end\$1 or node\$1 77 725/\$.ccls. and ((inter\$1connect\$3) nea (head\$1end\$1 or node\$1))	r6 USPAT	2004/04/19 15:00
or plural\$3) near4 (head\$1end\$1 or headend\$1))  - 115 725/109.ccls. USPAT 2004/04/26 - 1 6323893.pn. USPAT 2004/04/26 - 11 ("5327554"   "5477263"   "5539479"   USPAT 2004/04/26 "5539822"   "5541662"   "5594492"   12:35 "5671226"   "5818441"   "5903816"	connect\$3) near6 (head\$1end\$1 or node\$1 77 725/\$.ccls. and ((inter\$1connect\$3) nea (head\$1end\$1 or node\$1)) 579 (multiple or several or plural\$3) near4	r6 USPAT	2004/04/19 15:00 2004/04/26
headend\$1)) - 115 725/109.ccls. USPAT 2004/04/26 12:56 - 1 6323893.pn. USPAT 2004/04/26 12:22 - 11 ("5327554"   "5477263"   "5539479"   USPAT 2004/04/26 "5539822"   "5541662"   "5594492"   12:35 "5671226"   "5818441"   "5903816"	connect\$3) near6 (head\$1end\$1 or node\$1 77 725/\$.ccls. and ((inter\$1connect\$3) nea (head\$1end\$1 or node\$1)) (multiple or several or plural\$3) near4 (head\$1end\$1 or headend\$1)	uspat uspat	2004/04/19 15:00 2004/04/26 13:26
- 115 725/109.ccls. USPAT 2004/04/26 12:56 1 6323893.pn. USPAT 2004/04/26 12:22 - 11 ("5327554"   "5477263"   "5539479"   USPAT 2004/04/26 "5539822"   "5541662"   "5594492"   12:35 "5671226"   "5818441"   "5903816"	connect\$3) near6 (head\$1end\$1 or node\$1 77 725/\$.ccls. and ((inter\$1connect\$3) nea (head\$1end\$1 or node\$1)) 78 (multiple or several or plural\$3) near4 (head\$1end\$1 or headend\$1) 725/109.ccls. and ((multiple or several)	uspat uspat	2004/04/19 15:00 2004/04/26 13:26 2004/04/26
- 115 725/109.ccls. USPAT 2004/04/26 12:56 1 6323893.pn. USPAT 2004/04/26 12:22 - 11 ("5327554"   "5477263"   "5539479"   USPAT 2004/04/26 "5539822"   "5541662"   "5594492"   12:35 "5671226"   "5818441"   "5903816"	connect\$3) near6 (head\$1end\$1 or node\$1 77 725/\$.ccls. and ((inter\$1connect\$3) nea (head\$1end\$1 or node\$1)) 79 (multiple or several or plural\$3) near4 (head\$1end\$1 or headend\$1) 725/109.ccls. and ((multiple or several or plural\$3) near4 (head\$1end\$1 or	uspat uspat	2004/04/19 15:00 2004/04/26 13:26 2004/04/26
- 1 6323893.pn.	connect\$3) near6 (head\$1end\$1 or node\$1 77 725/\$.ccls. and ((inter\$1connect\$3) nea (head\$1end\$1 or node\$1)) 79 (multiple or several or plural\$3) near4 (head\$1end\$1 or headend\$1) 725/109.ccls. and ((multiple or several or plural\$3) near4 (head\$1end\$1 or	uspat uspat	2004/04/19 15:00 2004/04/26 13:26 2004/04/26
- 1 6323893.pn. USPAT 2004/04/26 12:22 - 11 ("5327554"   "5477263"   "5539479"   USPAT 2004/04/26 "5539822"   "5541662"   "5594492"   12:35 "5671226"   "5818441"   "5903816"	connect\$3) near6 (head\$1end\$1 or node\$1 77	USPAT USPAT USPAT	2004/04/19 15:00 2004/04/26 13:26 2004/04/26 11:51
- 11 ("5327554"   "5477263"   "5539479"   USPAT 2004/04/26	connect\$3) near6 (head\$1end\$1 or node\$1 77 725/\$.ccls. and ((inter\$1connect\$3) nea (head\$1end\$1 or node\$1)) - 579 (multiple or several or plural\$3) near4 (head\$1end\$1 or headend\$1) - 14 725/109.ccls. and ((multiple or several or plural\$3) near4 (head\$1end\$1 or headend\$1))	USPAT USPAT USPAT	2004/04/19 15:00 2004/04/26 13:26 2004/04/26 11:51 2004/04/26
- 11 ("5327554"   "5477263"   "5539479"   USPAT 2004/04/26	connect\$3) near6 (head\$1end\$1 or node\$1 77	USPAT USPAT USPAT USPAT	2004/04/19 15:00 2004/04/26 13:26 2004/04/26 11:51 2004/04/26 12:56
"5539822"   "5541662"   "5594492"	connect\$3) near6 (head\$1end\$1 or node\$1 77	USPAT USPAT USPAT USPAT	2004/04/19 15:00 2004/04/26 13:26 2004/04/26 11:51 2004/04/26 12:56 2004/04/26
"5539822"   "5541662"   "5594492"	connect\$3) near6 (head\$1end\$1 or node\$1 77	USPAT USPAT USPAT USPAT	2004/04/19 15:00 2004/04/26 13:26 2004/04/26 11:51 2004/04/26 12:56 2004/04/26
"5671226"   "5818441"   "5903816"	connect\$3) near6 (head\$1end\$1 or node\$1 77	USPAT USPAT USPAT USPAT USPAT	2004/04/19 15:00 2004/04/26 13:26 2004/04/26 11:51 2004/04/26 12:56 2004/04/26 12:22
	connect\$3) near6 (head\$1end\$1 or node\$1  77	USPAT USPAT USPAT USPAT USPAT	2004/04/19 15:00 2004/04/26 13:26 2004/04/26 11:51 2004/04/26 12:56 2004/04/26 12:22 2004/04/26
	connect\$3) near6 (head\$lend\$1 or node\$1  77	USPAT USPAT USPAT USPAT USPAT	2004/04/19 15:00 2004/04/26 13:26 2004/04/26 11:51 2004/04/26 12:56 2004/04/26 12:22 2004/04/26
"5940738"   "5973681").PN.	connect\$3) near6 (head\$lend\$1 or node\$1  77	USPAT USPAT USPAT USPAT USPAT	2004/04/19 15:00 2004/04/26 13:26 2004/04/26 11:51 2004/04/26 12:56 2004/04/26 12:22 2004/04/26

_	1214	725/114,115,116,117,92-94,135-136,143-147,	EMSBOTCC18	2004/04/26
	1217	123/114,113,110,111,92	Pasanteers.	12:56
	122	((multiple or several or plural\$3) near4	USPAT	2004/04/26
-	122	(head\$lend\$l or headend\$l)) and	USPAI	12:56
		725/114,115,116,117,92-94,135-136,143-147,	[ [ 4	12:36
	104	//25/114,115,116,117,92-94,135-136,143-147,		2004/04/26
-	184	(multiple or plural) near4 (head\$lend\$1	USPAT	2004/04/26
	1	or headend\$1)		13:26
-	14	((multiple or plural) near4 (head\$lend\$1	USPAT	2004/04/26
		or headend\$1)) and 348/\$.ccls.		13:30
-	14	((multiple or plural) near4 (head\$1end\$1	USPAT	2004/04/26
		or headend\$1)) and 709/\$.ccls.		13:46
-	159	725/87.ccls.	USPAT	2004/04/26
				13:47
-	0	(6100883.PN. and (((multiple or several	USPAT	2004/04/26
		or plural\$3) near4 (head\$1end\$1 or		13:46
		headend\$1)) and ((725/50   725/54		
		725/143 725/144 725/145 725/146 725/147		
		725/135 725/136   725/92 725/93 725/94		
		725/117   725/116   725/115		
		725/114).CCLS.))) and 725/87.ccls.		
_	602	725/114,115,116,117.ccls.	USPAT	2004/04/26
				13:48
_	35	((multiple or plural) near4 (head\$1end\$1	USPAT	2004/04/26
		or headend\$1)) and		14:07
		725/114,115,116,117.ccls.		
_	408	(head\$1end\$1) near3 (communicat\$3 or	USPAT	2004/04/26
		exchang\$3) near3 (head\$1end\$1)	052111	14:07
_	214	((head\$lend\$1) near3 (communicat\$3 or	USPAT	2004/04/26
		exchang\$3) near3 (head\$1end\$1)) and	001711	14:07
		725/\$.ccls.		11.07
_	317	(head\$lend\$1) near2 (communicat\$3 or	USPAT	2004/04/26
	] 31,	exchang\$3) near2 (head\$1end\$1)	OJEKI	14:23
_	167	((head\$lend\$1) near2 (communicat\$3 or	USPAT	2004/04/26
	107	exchang\$3) near2 (head\$1end\$1)) and	USPAI	14:15
		725/\$.ccls.		14:15
_	0	725/3.ccis. 725/110.ccls. and ((multiple or plural)	USPAT	2004/04/26
_	"	near4 (head\$lend\$1 or headend\$1))	USPAT	2004/04/26
	136	725/110.ccls.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	14:15
_	136	725/110.0018.	USPAT	2004/04/26
		6252020 UDDN	***	14:15
-	2	6353930.URPN.	USPAT	2004/04/26
	1	/#FF0F020# + #F6060F/# + #F70700## :		14:17
-	13	("5585838"   "5686954"   "5737027"	USPAT	2004/04/26
		"6181335"   "6263501"   "6298482"		14:18
		"6353930"   "6408435"   "6408437"		
		"6419137"   "6426779"   "6449653"		
		"6460179").PN.		
_	3	(head\$1end\$1) near2 (communicat\$3 or	USPAT	2004/04/26
		exchang\$3) near2 (two adj3 head\$1end\$1)		14:24
-	0	(head\$1end\$1) near2 (communicat\$3 or	USPAT	2004/04/26
		exchang\$3) near2 (multiple adj3		14:24
		head\$1end\$1)		
-	3	(communicat\$3 or exchang\$3) near2	USPAT	2004/04/26
	1	(multiple adj3 head\$1end\$1)		14:24